



PATENT  
Attorney Docket No. 2740

#2  
BN  
2-13-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
VABLAIS et al.

Group Art Unit: 2641

Serial No. 09/820,258

Examiner: Not Assigned

Filed: March 28, 2001

For: ELECTRONIC MODULE FOR  
SENSING PEN MOTION

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 are submitted herewith for consideration by the Examiner in the examination of the above-identified patent application. The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form PTO-1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form PTO-1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so. Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is believed to be filed before the mailing date of a first Office action on the merits. Accordingly, no fee is owed by applicant. If, however, an Office action has been issued, the Patent Office is hereby authorized to charge any underpayments associated with this submission to Deposit Account 50-1618.

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In re Application of TOEPKE et al.  
Serial No. 10/072,111



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CERTIFICATE OF MAILING

I hereby certify that this INFORMATION DISCLOSURE STATEMENT and PTO form 1449, along with Change of Correspondence Address in Application, are being deposited with the United States Postal Service on the date shown below, with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date: January 30, 2003

*2740 IDS Statement*

Albert S. Michalik  
Albert S. Michalik

FORM I-TO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 2740	SERIAL NO. 09/820,258
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT VABLAIS et al.	
FEB 07 2003 JC149 PATENT & TRADEMARK OFFICE	(Use several sheets if necessary)	FILING DATE March 28, 2001	GROUP 2641 2673

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AA	Analog Devices, "Low-Cost +2g Dual-Axis Accelerometer with Duty Cycle Output", pgs. 1-12
AB	Baron, et al., "Acceleration Measurement with an Instrumented Pen for Signature Verification and Handwriting Analysis", <i>IEEE Transactions on Instrumentation and Measurement</i> , Vol. 38, No. 6, pgs. 1132-1138, December 1989
AC	Ishikawa, et al., "Extraction of Character Information from Acceleration of Handwriting Pen", <i>IEIC Technical Report, Institute of Electronics, Information and Communication Engineers</i> , Vol. 92, No. 245, pgs. 51-58, 1992
AD	Lew, J.S., "An Improved Regional Correlation Algorithm for Signature Verification Which Permits Small Speed Changes Between Handwriting Segments", <i>IBM J.Res. Develop.</i> , Vol. 27, pages 180-185, March 1983
AE	Milner, Ben, "Handwriting Recognition Using Acceleration-Based Motion Detection", <i>The Institution of Electrical Engineers</i> , pgs. 1-6, 1999
AF	Niblock et al, "A Novel Accelerometer for Sensing Pen Tip Motion", <i>4<sup>th</sup> European Conference on Smart Structures and Materials</i> , Issue 6-8, pgs. 707-714, July 1998
AG	Miyagawa, et al., "Character Pattern Reproduction from Handwriting Pen Acceleration", <i>Transactions of the Institute of Electronics, Information and Communication Engineers</i> , Vol. J83, D-2, No. 2, pgs. 671-679, 2000